

IN THE CLAIMS:

--Claim 1. (Currently Amended) A joint between two structural components comprising:

- (a) joint faces on both components wherein the joint faces at least partially correspond with one another and at least partially contact one another in the jointed state;
- (b) a matrix positioned on at least a part of at least one of the joint faces;
- (c) multiple capsules ~~positioned distributed in~~ dispersed completely within the matrix and
- (d) a material of a reaction adhesive system contained in the capsules, wherein the matrix comprises at least two matrix layers, wherein at least one of the two matrix layers contains the dispersed capsules and at least one of the two matrix layers contains no capsules, and wherein at least part of the capsules at least partially release the material contained therein completely within the matrix under external influence.

Claim 2. (Previously Presented) The joint according to claim 1, wherein the capsules at least partially release the material under the effect of force, wherein said force is selected from the group consisting of pressure and friction.

Claim 3. (Previously Presented) The joint according to claim 1, wherein the capsules at least partially release the material under the effect of external energy, wherein

the external energy is selected from the group consisting of thermal energy, ultrasound energy, high frequency energy, light energy, and UV energy.

Claim 4. (Previously Presented) The joint according to claim 1, wherein the capsules at least partially release the material under the effect of a liquid, wherein said liquid comprises water.

Claim 5. (Original) The joint according to claim 1, wherein the matrix is made of an adhesive, resin or wax.

Claim 6. (Previously Presented) The joint according to claim 5, wherein the matrix effects a seal of the joint face.

Claim 7. (Previously Presented) The joint according to claim 1, wherein the material reaction adhesive system comprises at least two elements, the capsules contain a first element of the material reaction adhesive system, and water represents the second element.

Claim 8. (Previously Presented) The joint according to claim 1, wherein the material reaction adhesive system comprises at least two elements, the capsules contain at

least one element of the material reaction adhesive system, and the matrix at least partially comprises a second element of the material reaction adhesive system.

Claim 9. (Previously Presented) The joint according to claim 8, wherein the capsules or the matrix have at least one further element of the material reaction adhesive system.

Claim 10. (Previously Presented) The joint according to claim 8, wherein the material reaction adhesive system comprises at least two different types of capsules having different elements of the material reaction adhesive system.

Claim 11. (Cancelled)

Claim 12. (Previously Presented) The joint according to claim 1, wherein the at least two matrix layers comprise different elements of the material reaction adhesive system.

Claim 13. (Currently Amended) The joint according to claim 1, wherein different the two matrix layers of capsules comprise different elements of the material reaction adhesive system.

Claim 14. (Previously Presented) The joint according to claim 1, wherein both joint faces comprise the matrix containing capsules.

Claim 15. (Previously Presented) The joint according to claim 14, wherein one of the joint faces comprise a matrix having first capsules and the other of the joint faces comprise a matrix having second capsules, with the first capsules containing a first element and the second capsules containing a second element of a material reaction adhesive system.

Claim 16. (Previously Presented) The joint according to claim 1, wherein the joint faces of both structural components abut against one another.

Claim 17. (Previously Presented) The joint according to claim 1, wherein the joint faces of both structural components are implemented as a tongue and groove joint.

Claim 18. (Previously Presented) The joint according to claim 1, wherein at least one structural component is made of a cellulose-containing material.

Claim 19. (Previously Presented) The joint according to claim 18, wherein at least one structural component is made of wood or a wooden material.

Claim 20. (Currently Amended) The joint according to claim 18, wherein ~~when at least~~ one of the two structural components is made of a cellulose-containing material, and the other of the two structural components is made of a metal or a plastic.

Claims 21-22. (Cancelled)

Claim 23. (Previously Presented) The joint according to claim 1, wherein the structural components are panels of a floor covering.

Claim 24. (Currently Amended) A structural component comprising:

- (a) at least one joint face for a joint with further components;
- (b) a matrix positioned on at least part of said at least ~~one~~ of joint face;
- (c) multiple capsules ~~positioned distributed in~~ dispersed completely within the matrix; and
- (d) a material of a reaction adhesive system contained in the capsules, wherein the matrix comprises at least two matrix layers, wherein at least one of the two matrix layers comprises the dispersed capsules and at least one of the two matrix layers comprises no capsules, and wherein at least a part of the capsules at least partially release the material contained in them completely within the matrix under external influence.

Claim 25. (Withdrawn) A method for producing a matrix having multiple capsules containing at least one material or a reactive adhesive system on a joint face of a component, wherein with the aid of an application system, at least one matrix layer is applied which at least partially comprises matrix material and at least partially comprises capsules, and wherein the matrix layer obtained in this way is at least partially fixed.

Claim 26. (Withdrawn) The method according to claim 25, wherein the capsules are dispersed in the matrix material before the application, wherein at least one matrix layer made of matrix material is applied onto at least one part of the joint face with the aid of the application system, and wherein the matrix layer obtained in this way is at least partially fixed.

Claim 27. (Withdrawn) The method according to claim 25, wherein at least one matrix layer made of a matrix material is applied onto at least one part of the joint face with the aid of the application system, wherein the capsules are applied to the not yet completely fixed matrix layer, and wherein the matrix layer obtained in this way is at least partially fixed.

Claim 28. (Withdrawn) The method according to claim 25, wherein the matrix material at least partially comprises a dissolved adhesive and wherein the matrix layer is at least partially fixed by drying.

Claim 29. (Withdrawn) The method according to claim 25, wherein at least one matrix layer made of capsules at least partially enveloped with matrix material is applied with the aid of the application system and wherein the matrix layer obtained in this way is at least partially fixed.

Claim 30. (Withdrawn) The method according to claim 29, wherein the matrix material at least partially comprises a melt adhesive and wherein, after the application of the enveloped capsules, the melt adhesive is at least partially melted by heating and subsequently fixed again by cooling.

Claim 31. (Withdrawn) The method according to claim 25, wherein the matrix layer is applied by means of spraying, painting, rolling, pouring, scattering or puttying.

Claim 32. (Withdrawn) The method according to claim 27, wherein the capsules are applied by means of a directed air jet or by means of electrostatic charge.

Claim 33. (Withdrawn) The method according to claim 27, wherein a stream of capsules flowing downward is produced and wherein the joint face is passed through this stream.

Claim 34. (Withdrawn) The method according to claim 27, wherein the excess capsules are suctioned off during the application of the capsules.

Claim 35. (Withdrawn) The method according to claim 34, wherein the capsules suctioned off are fed back to the reservoir of capsules.

Claim 36. (Withdrawn) The method according to claim 35, wherein a further matrix layer is applied after the application of the at least one capsule layer.

Claim 37. (Withdrawn) The method according to claim 36, wherein a multilayer layered structure is produced by multiple applications of matrix layers and capsule layers.--